

Title (en)  
PISTONS PISTONS

Publication  
**EP 0351976 A3 19900502 (EN)**

Application  
**EP 89306758 A 19890704**

Priority  
GB 8816983 A 19880716

Abstract (en)  
[origin: EP0351976A2] A piston (10) for a reciprocating machine includes a split piston ring (13) which is located in a circumferential groove (12) in the cylindrical wall of the piston (10). The piston (10) is adapted to be located in a cylindrical bore (11) so that the piston ring (13) sealingly engages the bore (11) with a gap (14) between its ends, the gap (14) being fully underlaid and sealed by a contiguous unbroken annular supporting ring (15), a spring (16) being provided to maintain the ends of the piston ring (13) in engagement with the supporting ring (15).

IPC 1-7  
**F02F 3/00; F16J 9/14**

IPC 8 full level  
**F02F 5/00** (2006.01); **F02F 3/00** (2006.01); **F16J 1/00** (2006.01); **F16J 9/14** (2006.01); **F16J 9/16** (2006.01); **F16J 9/24** (2006.01)

CPC (source: EP US)  
**F02F 3/00** (2013.01 - EP US); **F16J 9/16** (2013.01 - EP US); **F16J 9/24** (2013.01 - EP US); **F05C 2251/042** (2013.01 - EP US)

Citation (search report)

- [X] FR 838056 A 19390227 - HAREL MECHANICAL PROCESSES LTD
- [A] GB 191321665 A 19140730 - BOYLE JOHN, et al
- [A] US 1699135 A 19290115 - CRONIN JAMES A

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Designated contracting state (EPC)  
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